



# Material Safety Data Sheet

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## 1. COMPANY AND PRODUCT IDENTIFICATION

**Product code:** 014113-03 02  
**Product name:** QUINTOLUBRIC® 888 46

**Supplier:**  
Quaker Chemical Corporation  
Quaker Park One  
901 Hector Street  
Conshohocken, PA 19428  
610-832-4000  
E-mail: she@quakerchem.com

**Emergency telephone number:**  
\* 24 HOUR TRANSPORTATION:  
\*\*CHEMTREC: 1-800-424-9300  
703-527-3887 (Call collect outside of US)  
\* 24 HOUR EMERGENCY HEALTH & SAFETY:  
\*\*QUAKER CHEMICAL CORPORATION: (800) 523-7010(  
Within US only)  
Outside of US call (703) 527-3887

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### HAZARDOUS COMPONENTS

This product does not contain any hazardous ingredients as defined under 29 CFR 1910.1200.

## 3. HAZARDS IDENTIFICATION

### Emergency Overview

Mild eye irritation.  
May cause skin irritation and/or dermatitis.  
May cause irritation of respiratory tract.  
May be harmful if swallowed.

**Principle routes of exposure:** Eyes, skin and inhalation.

**Signal word:** CAUTION

**Eye contact:** May cause slight irritation.

**Skin contact:** Substance may cause slight skin irritation.

**Inhalation:** Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

**Physico-chemical properties:** No hazards resulting from material as supplied.

#### 4. FIRST AID MEASURES

<b>General advice:</b>	If symptoms persist, call a physician. <b>INJECTION INJURY WARNING:</b> If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of the injury.
<b>Eye contact:</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
<b>Skin contact:</b>	Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
<b>Ingestion:</b>	If swallowed, seek medical advice immediately and show this container or label. Never give anything by mouth to an unconscious person.
<b>Inhalation:</b>	Move to fresh air in case of accidental inhalation of vapors. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.
<b>Notes to physician:</b>	Treat symptomatically.
<b>Medical condition aggravated by exposure:</b>	Dermatitis.

#### 5. FIRE-FIGHTING MEASURES

<b>Flash point (°C):</b> 260	<b>Flash point (°F):</b> 500	<b>Flash Point Method:</b> COC
<b>Flammable limits in air - upper (%):</b> Not determined	<b>Flammable limits in air - lower (%):</b> Not determined	
<b>Suitable extinguishing media:</b>	Use dry chemical, CO <sub>2</sub> , water spray or 'alcohol' foam.	
<b>Unusual hazards:</b>	None known	
<b>Special protective equipment for fire-fighters:</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.	
<b>Specific methods:</b>	Water mist may be used to cool closed containers.	

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Ensure adequate ventilation.
<b>Environmental precautions:</b>	Do not flush into surface water or sanitary sewer system.
<b>Methods for cleaning up:</b>	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

#### 7. HANDLING AND STORAGE

##### Handling

<b>Technical measures/precautions:</b>	Provide sufficient air exchange and/or exhaust in work rooms.
<b>Safe handling advice:</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Storage</b>	
<b>Technical measures/storage conditions:</b>	Store at room temperature in the original container
<b>Incompatible products:</b>	No special restrictions on storage with other products
<b>Safe storage temperature:</b>	40-100 ° F
<b>Shelf life:</b>	12 months and re-evaluate

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures:** Ensure adequate ventilation.

### Personal Protective Equipment

**General:** Eye Wash and Safety Shower

**Respiratory protection:** Not required; except in case of aerosol formation.

**Hand protection:** Neoprene gloves

**Skin and body protection:** Usual safety precautions while handling the product will provide adequate protection against this potential effect.

**Eye protection:** Safety glasses with side-shields.

**Hygiene measures:** Avoid contact with skin, eyes and clothing.



## 9. PHYSICAL AND CHEMICAL PROPERTIES:

<b>Physical state:</b>	Liquid
<b>Color:</b>	Clear, Amber
<b>Odour:</b>	Mild
<b>Boiling point/boiling range (°C):</b>	>260
<b>Boiling point/range (°F):</b>	>500
<b>Vapour pressure:</b>	Not determined
<b>Vapour density:</b>	Not determined
<b>VOC Content Product:</b>	0.030 lb/gal (EPA Method 24)
<b>Solubility:</b>	Insoluble
<b>Evaporation rate:</b>	Not determined
<b>pH:</b>	Not applicable
<b>Flash point (°C):</b>	260
<b>Flash point (°F):</b>	500
<b>Decomposition temperature:</b>	Not determined
<b>Auto-ignition temperature:</b>	Not determined

Density @ 15.5 ° C (g/cc) : 0.911  
Bulk density @ 60 ° F (lb/gal): 7.60  
Partition coefficient  
(n-octanol/water, log Pow): Not determined  
**Explosive properties:**  
- upper limit: No data available  
- lower limit: No data available

## 10. STABILITY AND REACTIVITY

### Conditions to avoid:

None known

### Materials to avoid:

Strong oxidising agents

### Hazardous decomposition products:

Nitrogen oxides (nox), Oxides of phosphorus, Carbon oxides, Sulphur oxides

### Stability:

Stable under recommended storage conditions.

### Polymerization:

Not applicable

## 11. TOXICOLOGICAL INFORMATION

Oral toxicity (rats): Practically non-toxic (LD50>10ml/kg). Based on testing of the product or a similar product.  
Inhalation toxicity (rats): practically non-toxic (LC50>200ml/kg). Based on testing the product or a similar product.  
Eye irritation (rabbits): Essentially a non-irritant (Draize score = 0). Based on testing of the product or a similar product.  
Skin irritation (rabbits): Slightly irritating (Primary Irritation Index = 1.46). Based on testing of the product or a similar product.

Human Patch Skin Study: Not an irritant or a sensitizer (Modified Shelanski). Based on testing of the product or a similar product.

## 12. ECOLOGICAL INFORMATION

**Persistence and degradability:** Environmental Fate and Effects: Under the modified Sturm Test (40 CFR 796.3620), this product is readily biodegradable.

**Mobility:** No data available

**Bioaccumulation:** No data available

**Ecotoxicity effects:** No data available

**Aquatic toxicity:** Aquatic Toxicity: Acute LC/EC50 (fish) - this product is non-toxic (LC50 > 2000ppm) based on testing of this product or a similar product.

### 13. DISPOSAL CONSIDERATIONS

**Waste from residues/unused products:** Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

**Contaminated packaging:** Do not re-use empty containers

**Methods for cleaning up:** Take up mechanically and collect in suitable container for disposal.

### 14. TRANSPORT INFORMATION

#### U. S. DEPARTMENT OF TRANSPORTATION:

Proper shipping name: Not Regulated

Shipping Description:

#### TDG (CANADA):

Proper shipping name: Not Regulated

#### IMDG/IMO:

Proper shipping name: Not Regulated

#### IATA/ICAO:

Proper shipping name: Not Regulated

### 15. REGULATORY INFORMATION

#### CLASSIFICATION AND LABELING

**OSHA Hazard Communication Standard:** This product is considered non-hazardous under the OSHA Hazard Communication Standard.

**Canada - WHMIS Classification Information:** This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

**Product Classification:** None Required  
**Product Classification Graphic(s):**

**Component Classification Data:**

**Canadian National Pollution Inventory Data:**

#### U.S. REGULATIONS:

**SARA (311, 312) hazard class:** This product possesses the following SARA Hazard Categories:

**Immediate Health (Acute):** No  
**Delayed Health (Chronic):** No

Flammability: No  
Pressure: No  
Reactivity: No

RCRA Status Not Regulated

**STATE REGULATIONS (RTK):**

California Proposition 65 Status: No components are listed

**INVENTORY STATUS:**

United States TSCA - Sect. 8(b) Inventory: This product complies with TSCA

Canada DSL Inventory List - DSL Compliance has not been determined

EC No. Compliance has not been determined

**16. OTHER INFORMATION**

Sources of key data used to compile the data sheet: Material safety data sheets of the ingredients.

Reason for revision: This data sheet contains changes from the previous version in section(s) 4

Prepared by: Quaker Chemical Corporation -Safety, Health and Environmental Affairs Group - US

**HMS classification:**

Health:  
1

Flammability:  
1

Reactivity:  
0

Personal Protection:  
B

**NFPA rating:**

Health:  
1

Flammability:  
1

Reactivity:  
0

Special:  
NA

\* Indicates possible chronic health effect

Personal protection recommendations should be reviewed by purchasers. Workplace conditions are important factors in specifying adequate protection.